

|   | Type | L # | Hits | Search Text   | DBs  | Time Stamp          | Comments |
|---|------|-----|------|---|--|---------------------|----------|
| 1 | BRS  | L1  | 520  | ((ventilation near6 (system process apparatus)) with (crankcase)) | USPAT;<br>US-PGPUB;<br>; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22<br>15:38 |          |
| 2 | BRS  | L2  | 196  | 1 and (threshold predetermin\$4 limit)                            | USPAT;<br>US-PGPUB;<br>; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22<br>15:41 |          |
| 3 | BRS  | L3  | 162  | 2 and (pressure)  | USPAT;<br>US-PGPUB;<br>; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22<br>15:45 |          |
| 4 | BRS  | L4  | 110  | 3 and (time)  | USPAT;<br>US-PGPUB;<br>; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22<br>15:48 |          |

|   | Type | L # | Hits | Search Text               | DBs  | Time Stamp          | Comments |
|---|------|-----|------|---------------------------|--|---------------------|----------|
| 5 | BRS  | L5  | 37   | 4 and (vent)              | USPAT;<br>US-PGPUB;<br>; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22<br>15:49 |          |
| 6 | BRS  | L6  | 8    | 5 and (intake near5 pipe) | USPAT;<br>US-PGPUB;<br>; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | 2003/09/22<br>15:49 |          |

**DERWENT-ACC-NO:** 2002-018845

**DERWENT-WEEK:** 200214

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**TITLE:** Functional diagnosis process for venting system involves using pressure sensor to detect pressure changes in crankcase and controlling valve

**INVENTOR:** BAEUERLE, M; RIES-MUELLER, K

**PRIORITY-DATA:** 2000DE-1026492 (May 27, 2000)

**PATENT-FAMILY:**

| <b>PUB-NO</b>     | <b>PUB-DATE</b>   | <b>LANGUAGE</b> | <b>PAGES</b> | <b>MAIN-IPC</b> |
|-------------------|-------------------|-----------------|--------------|-----------------|
| DE 10026492 A1    | November 29, 2001 | N/A             | 006          | F02D 045/00     |
| JP 2001342846 A   | December 14, 2001 | N/A             | 006          | F02B 077/08     |
| US 20010047801 A1 | December 6, 2001  | N/A             | 000          | F02B 025/06     |

**INT-CL (IPC):** F01M011/10, F01M013/00 , F01M013/04 , F02B025/06 , F02B077/08 , F02D045/00

**ABSTRACTED-PUB-NO:** DE 10026492A

**BASIC-ABSTRACT:**

**NOVELTY** - The functional diagnosis process is applied to the venting system of the crankcase (2) of an internal combustion engine (1). The system includes a valve (5). There is a pressure sensor (13) which detects the oil pressure and/or a change in pressure in the crankcase. The valve is an electrically controlled stroke valve, and is closed for a time depending on a signal produced by the pressure sensor.

**USE** - For the venting system of the crankcase of an internal combustion engine.

**ADVANTAGE** - More precise diagnosis can be given.

**DESCRIPTION OF DRAWING(S)** - The drawing shows a sectional view of the venting system.

Engine 1

Crankcase 2

Valve 5

pressure sensor 13

**ABSTRACTED-PUB-NO:** US20010047801A

**EQUIVALENT-ABSTRACTS:**

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